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Appl. No.

10/575,471

Customer No. 00441

Applicant(s)

Tokuyuki NAKAYAMA, et al.

Filed TC/A.U.

April 12, 2006
To Be Assigned

Examiner

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Title

TRANSPARENT CONDUCTIVE FILM AND TRANSPARENT CONDUCTIVE BASE MATERIAL UTILIZING THE SAME

Docket No.

034145.003

Customer No.

00441

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. 1.56, Applicants are enclosing a copy of the International Search Report issued by the International Searching Authority on April 26, 2005, in the corresponding International Application No. PCT/JP2004/019595, and copies of the references cited therein are provided with the exception of the U.S. patent.

It is respectfully requested that the International Search Report and references cited therein be placed in the file and made officially of record in this application.

A first Official Action has not yet issued for this application. Therefore, it is believed that no fees are due under 37 C.F.R. Section 1.97(b)(3).

Respectfully submitted,

By: Glenn J. Perry Reg. No. 28,458

Dated: July 19, 2006

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PTO/SB/08A (07-05)

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Substitute for form 1 Complete if Known Application Number 10/575,471 INFORMATION DISCLOSURE Filing Date April 12, 2006 STATEMENT BY APPLICANT Tokuyuki NAKAYAMA, et al. First Named Inventor Art Unit To Be Assigned (Use as many sheets as necessary) Examiner Name To Be Assigned Attorney Docket Number Sheet of | 2 034145.002

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------------|---|--|---|-------------------------------------|--|
| Examiner Initials * | Cite No. ¹ | Document Number Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant | | |
| | | Number - Kind Code ² (if known) | | | Fassages of Relevant Figures Appear | |
| | Α | 6,379,824 | 04/30/2002 | Chishio Hosokawa | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|--------------------------------|---|--|----------|
| | | Foreign Patent Document | | | Pages, Columns, Lines, Where | |
| Examiner Initials* | Cite No. ¹ | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Relevant Passages or Relevant Figures Appear | T⁰ |
| | Α | JP 11-297478A | 10/29/1999 | Idemitsu Kosan Co., Ltd. | | abstract |
| | Α | WO 99/53727 A1 | 10/29/1999 | Idemitsu Kosan Co., Ltd. | | |
| | Α | EP 0 993 236 A1 | 04/08/1999 | Idemitsu Kosan Co., Ltd. | | |
| | Α | JP 2000-48966 A | 01/18/2000 | Idemitsu Kosan Co., Ltd. | | abstract |
| | Α | JP 2000 223276 | 08/11/2000 | Idemitsu Kosan Co., Ltd. | | abstract |
| | Α | JP 2003 100154 | 04/04/2003 | Tosoh Corp. Geomatec Co. Ltd. | | abstract |

| Examiner Signature | Date Considered | |
|-----------------------|--------------------|--|
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/575,471 Filing Date April 12, 2006 First Named Inventor Tokuyuki NAKAYAMA, et al. Art Unit To Be Assigned Examiner Name To Be Assigned 034145.002

(Use as many sheets as necessary)

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| | · | NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------|--------------|---|---|--|--|--|
| Examiner Initials * | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | |
| | | International Search Report, PCT/JP/2004/019595, DATED April 26, 2005. | | | | |
| | Α | "Work function of transparent conducting multicomponent oxide thin films prepared by magnetron sputtering," Tadatsugu Minami, et al., Surface and Coatings Technology, Vols. 108-109, Nos. 1-3, pp. 583-587, October 10, 1998. | | | | |
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